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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : **Confirmation No. 7469**  
Toshitada NOGUCHI et al. : Attorney Docket No. 2004\_1003A  
Serial No. 10/500,226 : Group Art Unit 1654  
Filed June 25, 2004 : Examiner Thomas S. Heard  
PROCESS FOR PRODUCING : **Mail Stop: Amendment**  
2'-DEOXYGUANOSINE

**RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

Sir:

This is responsive to the Official Action dated January 9, 2007.

The Official Action required clarification of the elected species.

Of the group consisting of guanosine, guanosine 5'-monophosphate and 2-amino-6-substituted purine, Applicants elect 2-amino-6-substituted purine.

As the 2-amino-6-substitute purine, Applicants elect the species of 2-amino-6-halogenopurine.

As the 2'-deoxynucleoside, Applicants elect thymidine.

As the nucleoside deoxyribosyl transferase, Applicants elect nucleoside deoxyribosyl transferase II.

As the hydrolase, Applicants elect deaminase.

In view of the foregoing, it is believed that the elected species of each genus has been clarified.

If the Examiner has any questions, please do not hesitate to contact the undersigned.

Respectfully submitted,

Toshitada NOGUCHI et al.

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January 19, 2007